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20 August 1954

MEMORANDUM FOR: Logistics Office/Coordination & Requirements Staff

ATTENTION :

[Redacted]

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SUBJECT : Report on Radio Packaging Test

1. Examination was made on 19 July 1954 of a radio that had been given to TSS/MD for testing. This radio was placed for one month at Station One in a damp igloo. At the end of this period it was transferred to a humidity cabinet and held at 160°F. and 90% Relative Humidity for over two weeks.

2. The results were as follows:

A. Set had some traces of oil on the surface but appeared otherwise dry.

B. Humidity color indicator packed with set indicated about 10% R.H. However, this indicator was oil soaked and after two weeks' exposure to atmospheric conditions had not changed color. It is apparent that the indicator was not giving any true indication of the actual R.H. inside the box.

C. The Silica Gel bags packed with the set were weighed and showed no appreciable increase in weight. The gel appeared dry and unchanged.

D. A great amount of oily exudation was noticed on the interior of the box. The cardboard liner was oil soaked in many places.

3. This memorandum is to confirm the information previously

[Redacted]

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Chief
Mechanical Division, TSS

TSS/MD/ [Redacted]

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Dist: Orig & 1 - Addressee; 1 - Burial Packaging File '54; 1 - MD Chrono

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